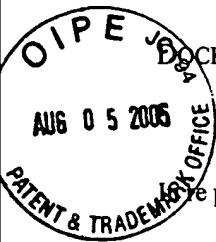


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DOCKET NO. NG(ST)6569

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re patent application of

Applicant: Ian Robinson, et al.
Serial No.: 10/691,987
Filed: 23 October 2003
For: *Switching Amplifier Architecture*
Art Unit: 2817
Examiner: Steven J. Mottola

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed foreign patent document and other publication is enclosed. No U.S. Patents nor any published U.S. Patent Applications are enclosed.

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) ☐ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
- (b) ☐ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

- (a) ☐ Within 3 months of the filing date or date of entry into the National Stage.
- (b) ☐ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 20-0090 for consideration of this Statement.

08/08/2005 SFELEKE1 00000012 10691987

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(c) ____ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.

(1) ____ The required certification is given below, or

(2) ____ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or

(3) ____ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 20-0090.

(d) X After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.

(1) X Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(i)(1), or

(2) ____ Charge the fee set forth in 37 C.F.R. 1.17(i)(1) to Deposit Account No. 20-0090.

4. Certification (if applicable)


(a) X The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.

(b) ____ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 20-0090.

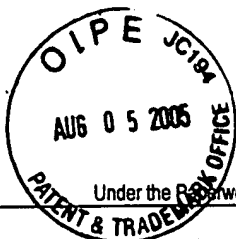
Respectfully Submitted,

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/691,987
				Filing Date	23 October 2003
				First Named Inventor	Ian Robinson
				Art Unit	2817
				Examiner Name	Steven J. Mottola
Sheet	1	of	1	Attorney Docket Number	NG(ST)6569

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Document Number Number-Kind Code ² (If Known)	Publication Date MM-DD-YYYY	Name Of Patentee Or Applicant Of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		US-6,472,934 B1	10-29-2002	Pehlke	*col. 12, lines 34-53; figure 5*
		US-6,529,716 B1	03-04-2003	Eidson, et al.	*col. 2, line 35-col. 5, line 41; figures 1,2*
		US-2002/0090920 A1	07-11-2002	McCune	*¶ 0024, 0052-0055; figures 9-11*

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code-Number-Kind Code (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		EP 1 492 229 A1	12-29-04	Northrop Grumman Corporation	*¶ 0039-0064; figures 5, 6, 8*	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		European Search Report for EP 04 02 5039, completed July 8, 2005 by Examiner T. Agerbaek in Munich	
		ZHAO, ET AL. INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "Doherty Amplifier with DSP Control to Improve Performance in CDMA Operation", 2003 IEEE MTT-S INTERNATIONAL MICROWAVE SYMPOSIUM DIGEST. (IMS 2003). Philadelphia, PA, June 8-13, 2003, IEEE MTT-S INTERNATIONAL MICROWAVE SYMPOSIUM, NEW YORK, NY: IEEE, US, vol. 3 of 3, 8 June 2003, pp. 687-690, XP010645001, ISBN: 0-7803-7695-1 *figure 4*	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.